



REVISIONS				
REV	ECO	DESCRIPTION	APPROVED	DATE
B	1002469	See CO	JC	8/1/09
C	1004225	Add Classic Delivery Module	JC	1/26/11
D	1005098	SEE CO	CF	10/6/11
E	1005107	Correct routing error for 104891-01, sheet 3.	JS	10/19/11

**Color Codes**

- MP-label at system level
- MP-Cross out label at system level
- Cable end swapping is acceptable

Note: If there is no text in the reference designator box, there is no label

PROPRIETARY INFORMATION: THIS DOCUMENT AND THE CONTENTS THEREOF ARE CONSIDERED PROPRIETARY INFORMATION OF ADVANCED STERILIZATION PRODUCTS AND DISCLOSURE TO UNAUTHORIZED INDIVIDUALS OR DISSEMINATION, PUBLICATION, OR COPYING IS PROHIBITED WITHOUT PRIOR WRITTEN CONSENT BY ADVANCED STERILIZATION PRODUCTS, IRVINE, CALIFORNIA.

MATERIAL	
FINISH	10104
NEXT ASSY	USED ON
APPLICATION	

**METRIC**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND INCLUDE THICKNESS OF PLATING TOLERANCES

HOLE DIA: ± 0.1  
0.X ±  
0.XX ±  
ANGLES ± 30°

SURFACE FINISH 1<sup>1</sup>/<sub>6</sub> OR BETTER DEBURR AND BREAK ALL SHARP EDGES

THIRD ANGLE PROJECTION		IRVINE, CALIFORNIA 92618	
APPROVED	DATE	<b>SYSTEM INTERCONNECT DIAGRAM, STERRAD® 100NX</b>	
DRAWN John Chien	2/9/07		
CHECKED Yan Fang	2/9/07		
APPROVED Bill Wong	2/9/07	10-10104-0-100	
APPROVED		SCALE: NONE	SHEET 1 OF 3

4

3

2

1

D

D

C

C

B

B

A

A

Description	Part Number	Subsystem		Connector Type		Cable Type	
		From	To	From	To	Custom	Off the Shelf
Harness Assembly, LCD	04-52588-x-001	Interface Board	LCD	Molex MiniFit Jr.	2.5mm Female Plug	X	
Harness Assembly, IMS	04-52589-x-001	Interface Board	IMS Board	AMP 0.1"	AMP 0.1"	X	
Harness Assembly, H2O2 Detector	04-52590-x-001	Interface Board	H2O2 Detector	Molex KK	Molex KK	X	
Harness Assembly, Delivery Subsystem (Non-DUO)	04-54619-x-001 part of 104891-01	Interface Board	H2O2 Delivery	AMP 0.1"	Molex MiniFit Jr.	X	
Harness Assembly, Delivery Subsystem (DUO)	04-54619-x-001 part of 104891-01	DUO Metering Board	H2O2 Delivery	AMP 0.1"	Molex MiniFit Jr.	X	
Harness Assembly, Door Sensors	04-52594-x-001	Interface Board	Door Sensors	AMP 0.1"	Molex KK	X	
Harness Assembly, Thermoelectrics	04-52598-x-001	Interface Board	Thermoelectrics	Molex MFJr. + Molex KK	Molex MiniFit Jr.	X	
Harness Assembly, Pressure Transducers	04-52599-x-001	Interface Board	Pressure Transducers	RJ11	DB9F	X	
Harness Assembly, Chamber Heaters	04-52600-x-001	AC Enclosure	Chamber Heaters	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, Door Heaters	04-52601-x-001	AC Enclosure	Door Heaters	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, Vaporizer/TE Heaters	04-52602-x-001	AC Enclosure	Vap/TE Heaters	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, 24VDC Power Supply	04-52605-x-001 part of 104891-01	24V Power Supply	Interface Board	Molex KK 0.156"	Molex MiniFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-001	Interface Board	CHB-F Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-002	Interface Board	CHB-M Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-003	Interface Board	CHB-BThermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-004	Interface Board	VAP Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-005	Interface Board	In-Door Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-006	Interface Board	Out-Door Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Thermistor Extensions	04-52606-x-007	Interface Board	TE Thermistors	Molex MicroFit Jr.	Molex MicroFit Jr.	X	
Harness Assembly, Vent Valve	04-52607-x-001	Interface Board	Vent Valve	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, Oil Return Valve	04-52608-x-001	Interface Board	Oil RTN Valve	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Cable, RJ45, Category 5E, 10ft	66-52609-001	Controller Board	Ethernet (I/O Panel)	RJ45	RJ45		X
Cable, Extension, USB, 10ft	66-52610-001	USB HUB	USB (I/O Panel)	USB	USB		X
Cable, DSUB, 15 Position, M/F, 10ft	66-52612-001	Interface Board	LFPS2	DB15F	DB15M		X
Cable, DSUB, 9 Position, M/M, 5ft	66-51385-006	Interface Board	Printer (In/Out Door)	DB9M	DB9M		X
Cable, Twinax, 2.5ft	66-50518-002	LFPS2	Feedthrough	Twinax	Twinax		X
Cable, Jumper Cordset, 1m	66-52617-001	AC Enclosure	LFPS2/PVM	IEC-60320-E	IEC-60320-C13		X
Cable, Jumper Cordset, 2m	66-52618-001	AC Enclosure	ATX PS/24VDC PS	IEC-60320-E	IEC-60320-C13		X
Harness Assembly, Door Motors	04-52619-x-001	AC Enclosure	Door Motors	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, Foot Switch	04-53105-x-001	Interface Board	Foot Switch	Molex KK	Molex MiniFit Jr.	X	
Harness Assembly, Sensor, Disposal Box	04-53107-x-001	Interface Board	Delivery	Molex MiniFit Jr.	Molex MiniFit Jr.	X	
Harness Assembly, Protective Earth Ground	04-53106-x-01	AC Enclosure	Chassis	Ring Terminal	Ring Terminal	X	
Cable Ribbon, DSUB 25, M/F	66-53812-001	Interface Board	AC Enclosure	DB25M	DB25F		X
Cable VGA, HDSUB, 15 pos, 3ft.	66-51385-004	Controller Board	Input Display Assembly	HDSUB-15M	HDSUB15M		X
Cable VGA, HDSUB, 15 pos, 7.5ft.	66-51385-010	Controller Board	Output Display Assembly	HDSUB-15M	HDSUB15M		X
Cable, USB	66-52610-002	Controller Board	USB HUB	USB	USB		X
Harness Assembly, Metering Board Interface	105070-01 part of 104891-01	Interface Board	DUO Metering Board	AMP 0.1"	AMP 0.1"	X	
Cable, USB, Shielded, 1m, Type A male /B male	102901-03	USB HUB	DUO Metering Board	USB	USB		X



IRVINE, CALIFORNIA 92618

**SYSTEM INTERCONNECT  
DIAGRAM, STERRAD® 100NX**

**10-10104-0-100**

**E**

SCALE: NONE

SHEET 2 OF 3

4

3

2

1

